

Assoc. Prof. SEVDA SAĐIROĐLU

Personal Information

Web: <https://avesis.ankara.edu.tr/ssagir>

International Researcher IDs

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Publons / Web Of Science ResearcherID: AAV-1428-2020

Yoksis Researcher ID: 56033

Education Information

Doctorate, Ankara University, Fen Fakóltesi, Matematik Bölümü, Turkey 2003 - 2009

Postgraduate, Ankara University, Fen Fakóltesi, Matematik Bölümü, Turkey 2000 - 2003

Undergraduate, Ankara University, Fen Fakóltesi, Matematik Bölümü, Turkey 1995 - 2000

Foreign Languages

English, B2 Upper Intermediate

Dissertations

Doctorate, Genelleştirilmiş topolojilerde bazı yeni sonuçlar, Ankara University, Fen Fakóltesi, Matematik Bölümü, 2009

Postgraduate, Selfadjoint olmayan diskre Dirac operatörünün spektral analizi, Ankara University, Fen Fakóltesi, Matematik Bölümü, 2003

Research Areas

Mathematics

Academic Titles / Tasks

Associate Professor, Ankara University, Fen Fakóltesi, Matematik Bölümü, 2017 - Continues

Research Assistant, Ankara University, Fen Fakóltesi, Matematik Bölümü, 2002 - 2013

Academic and Administrative Experience

Farabi Program Department Coordinator, Ankara University, Fen Fakóltesi, Matematik Bölümü, 2016 - Continues

Erasmus Program Department Coordinator, Ankara University, Fen Fakóltesi, Matematik Bölümü, 2016 - Continues

Deputy Head of Department, Ankara University, 2017 - 2020

Courses

GRADUATION PROJECT, Undergraduate, 2022 - 2023
TOPOLOJİK VEKTÖR UZAYLARA GİRİŞ, Undergraduate, 2021 - 2022
ADVANCED TOPOLOGY, Undergraduate, 2022 - 2023
CALCULUS II, Undergraduate, 2021 - 2022
CALCULUS II, Undergraduate, 2021 - 2022
MATHEMATICS LABORATORY I, Undergraduate, 2022 - 2023
CALCULUS I, Undergraduate, 2022 - 2023
İLERİ TOPOLOJİ, Undergraduate, 2022 - 2023
TRANSITION TO UNIVERSITY LIFE AND LIFE SKILLS, Undergraduate, 2021 - 2022
TOPOLOGY I, Undergraduate, 2022 - 2023
TOPOLOGY II, Undergraduate, 2021 - 2022
CALCULUS I, Undergraduate, 2022 - 2023
MATHEMATICS LABORATORY II, Undergraduate, 2021 - 2022
MTH251 Topology I, Undergraduate, 2018 - 2019
MAT 0141 Matematik I, Undergraduate, 2018 - 2019
815-503 TOPOLOGY I, Postgraduate, 2018 - 2019
MAT0417 Topoloji III, Undergraduate, 2018 - 2019
MAT417 TOPOLOJİ III, Undergraduate, 2015 - 2016, 2014 - 2015, 2013 - 2014, 2012 - 2013, 2011 - 2012
MAT123 MATEMATİK (Eczacılık Fak.), Undergraduate, 2015 - 2016
MAT101 MATEMATİK I (Kimya Müh.), Undergraduate, 2015 - 2016, 2014 - 2015
MTH106 MATHEMATICS, Undergraduate, 2014 - 2015
MAT417 TOPOLOJİ III (İkinci Öğretim), Undergraduate, 2014 - 2015, 2013 - 2014
815504 TOPOLOJİ II, Postgraduate, 2014 - 2015
MAT102 MATEMATİK II (Kimya Müh.), Undergraduate, 2014 - 2015
MTH105 MATHEMATICS, Undergraduate, 2014 - 2015
MAT111 MATEMATİK (Biyoloji Bölümü-İ.Ö.), Undergraduate, 2014 - 2015
MAT102 MATEMATİK II (Kimya Bölümü-İ.Ö.), Undergraduate, 2014 - 2015
815503 TOPOLOJİ II, Postgraduate, 2014 - 2015
MAT102 MATEMATİK II (Astronomi), Undergraduate, 2013 - 2014
MAT102 MATEMATİK II (Jeoloji Müh.), Undergraduate, 2013 - 2014
MAT101 MATEMATİK I (Jeoloji Müh.), Undergraduate, 2013 - 2014
MAT101 MATEMATİK I (Astronomi), Undergraduate, 2013 - 2014
SKY105 MATEMATİK, Undergraduate, 2012 - 2013, 2011 - 2012, 2010 - 2011, 2009 - 2010
SBH107 TEMEL MATEMATİK, Undergraduate, 2012 - 2013
CGL109 TEMEL MATEMATİK, Undergraduate, 2012 - 2013, 2011 - 2012
BES105 TEMEL MATEMATİK, Undergraduate, 2011 - 2012, 2010 - 2011, 2009 - 2010
SHB107 TEMEL MATEMATİK, Undergraduate, 2011 - 2012
MAT125 MATEMATİK (B Grubu), Undergraduate, 2011 - 2012
MAT125 MATEMATİK (C Grubu), Undergraduate, 2011 - 2012
SKY110 İŞLETME MATEMATİĞİ, Undergraduate, 2010 - 2011, 2009 - 2010
SOH107 TEMEL MATEMATİK, Undergraduate, 2010 - 2011, 2009 - 2010
CGE109 TEMEL MATEMATİK, Undergraduate, 2010 - 2011
MAT108 MATEMATİK II, Undergraduate, 2010 - 2011, 2009 - 2010
MAT102 MATEMATİK II, Undergraduate, 2010 - 2011

Advising Theses

SAĞIROĞLU PEKER S., Convergence structures and an extension of approach spaces: Category Cap, Postgraduate, E.ALKAYA(Student), 2018
SAĞIROĞLU PEKER S., Yaklaşma uzayları ve hiperuzaylar üzerinde tanımlı yaklaşma yapıları, Postgraduate,

M.BİTEN(Student), 2017

SAĞIROĞLU PEKER S., Soyut konveks yapılar, Postgraduate, G.GEÇDOĞAN(Student), 2016

Jury Memberships

Appointment to Academic Staff-Assistant Professorship, Appointment to Academic Staff-Assistant Professorship, Bartın Üniversitesi, December, 2022

Doctorate, Doctorate, Ankara Üniversitesi, February, 2022

Doctorate, Doctorate, Hacettepe Üniversitesi, December, 2021

Published journal articles indexed by SCI, SSCI, and AHCI

- I. **Distance of convergence in measure on spaces of measurable functions**
ÜNVER M., SAĞIROĞLU PEKER S.
POSITIVITY, vol.23, no.3, pp.507-521, 2019 (SCI-Expanded)
- II. **Statistical convergence of sequences of sets in hyperspaces**
SAĞIROĞLU PEKER S., ÜNVER M.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.47, no.4, pp.889-896, 2018 (SCI-Expanded)
- III. **Convex Closures, Weak Topologies and Feeble Approach Spaces**
Lowen R., Sağiroğlu Peker S.
JOURNAL OF CONVEX ANALYSIS, vol.21, no.2, pp.581-600, 2014 (SCI-Expanded)
- IV. **A note on enlargements and generalized neighbourhood systems**
Kanibir A., Sağiroğlu S.
Acta Mathematica Hungarica, vol.136, no.4, pp.270-274, 2012 (SCI-Expanded)
- V. **ON NEAR CONTINUITY FOR MINIMAL STRUCTURES**
SAĞIROĞLU PEKER S., KANIBİR CAMGÖZ A.
HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, vol.40, no.5, pp.681-689, 2011 (SCI-Expanded)

Articles Published in Other Journals

- I. **THE FELL APPROACH STRUCTURE**
Biten M., Sağiroğlu S.
Communications Faculty of Sciences University of Ankara Series A1: Mathematics and Statistics, vol.72, no.3, pp.633-649, 2023 (ESCI)
- II. **On ordered hyperspace topologies in the setting of Cech closure ordered spaces**
EROĞLU İ., SAĞIROĞLU PEKER S., GÜNER E.
Mathematical Sciences and Applications e-notes, vol.6, no.2, pp.38-45, 2018 (Peer-Reviewed Journal)
- III. **co- γ -compact generalized topologies and c-generalized continuous functions**
Kanibir Camgöz A., Sağiroğlu Peker S.
Mathematica Balkanica New Series, vol.23, no.1-2, pp.85-96, 2009 (Peer-Reviewed Journal)

Refereed Congress / Symposium Publications in Proceedings

- I. **On Ordered Hyperspace Topologies in the Setting of Cech Closure Ordered Spaces**
EROĞLU İ., GÜNER E., SAĞIROĞLU PEKER S.
International Conference on Mathematics and Mathematics Education, 27 - 29 June 2018
- II. **Distance of convergence in measure on L_0**
SAĞIROĞLU PEKER S., ÜNVER M.

The International Conference in Functional Analysis dedicated to the 125th anniversary of Stefan Banach, 18 - 23 September 2017

- III. **Convexity Structure in the Realm of Approach Spaces Applications in Functional Analysis**
SAĞIROĞLU PEKER S.
Workshop on Applications of Topology in Mathematics and Computer Science, Ankara, Turkey, 07 September 2015
- 08 January 2016
- IV. **Feeble approach structure for closed convex closure**
SAĞIROĞLU PEKER S., LOWEN B. R.
2014 INTERNATIONAL CONFERENCE ON TOPOLOGY AND ITS APPLICATIONS, 3 - 07 July 2014
- V. **Cılız Approach Uzaylar**
SAĞIROĞLU PEKER S.
AMG2013, Ankara, Turkey, 13 - 14 June 2013
- VI. **Genelleştirilmiş Komşuluk Sistemlerinin Kartezyen Çarpımı**
SAĞIROĞLU PEKER S., GÜNER E.
5. ANKARA MATEMATİK GÜNLERİ, Ankara, Turkey, 3 - 04 June 2010
- VII. **Enlargements for generalized neighbourhood systems**
SAĞIROĞLU PEKER S., KANIBİR CAMGÖZ A.
ICTA 2009 INTERNATIONAL CONFERENCE ON TOPOLOGY AND ITS APPLICATIONS, 6 - 11 July 2009
- VIII. **Co Gamma Kompakt Genelleştirilmiş Topolojiler ve C Genelleştirilmiş Sürekli Fonksiyonlar**
SAĞIROĞLU PEKER S., KANIBİR CAMGÖZ A.
III. ANKARA MATEMATİK GÜNLERİ, Turkey, 22 - 23 May 2008

Activities in Scientific Journals

Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics, Assistant Editor/Section Editor, 2019 - Continues

Memberships / Tasks in Scientific Organizations

Kadın Matematikçiler Derneği, Member, 2012 - Continues, Turkey

Scientific Refereeing

Communications Faculty of Sciences University of Ankara Series A1 Mathematics and Statistics, Journal Indexed in ESCI, April 2023

TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Middle East Technical University, Turkey, December 2022

TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Kafkas University, Turkey, December 2022

TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Hacettepe University, Turkey, December 2022

TUBITAK Project, 2219 - Yurt Dışı Doktora Sonrası Araştırma Burs Programı, Gebze Technical University, Turkey, December 2022

TUBITAK Project, 2218 - Yurt İçi Doktora Sonrası Araştırma Burs Programı, Ordu Üniversitesi, Turkey, December 2022

HACETTEPE JOURNAL OF MATHEMATICS AND STATISTICS, Journal Indexed in SCI-E, March 2020

Gazi University Journal of Science, Journal Indexed in AHCI, January 2013

Scientific Consultations

Tübitak, Scientific Consultancy, Ankara University, Fen Fakültesi, Matematik Bölümü, Turkey, 2022 - Continues

Metrics

Publication: 18

Citation (WoS): 2

Citation (Scopus): 1

H-Index (WoS): 1

H-Index (Scopus): 1

Congress and Symposium Activities

2023 International Conference on Topology and its Applications, Attendee, Patras, Greece, 2023

Scholarships

Research Support, University, 2015 - 2015

Doktora Sonrası Yurtdışı Araştırma Bursu, YOK, 2012 - 2012